



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. CP280584

CUST. NO. 18300 - 16360

30.039.07502

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	METER RUN
WELL NAME	SAN JUAN 29-6 #48	PRESSURE	100 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	89.3 DEG.F
LOCATION	A35-29N-06W	WELL FLOWING	Y
FIELD		DATE SAMPLED	08/18/2008
FORMATION		SAMPLED BY	BOB DURBIN
CUST.STN.NO.		FOREMAN/ENGR.	

A650112SM

REMARKS NITROGEN % INCLUDES THE FOLLOWING: HELIUM = NONE DETECTED,
HYDROGEN = NONE DETECTED

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.293	0.0000	0.00	0.0028
CO2	0.833	0.0000	0.00	0.0127
METHANE	89.937	0.0000	910.43	0.4982
ETHANE	5.104	1.3642	90.53	0.0530
PROPANE	2.486	0.6845	62.70	0.0379
I-BUTANE	0.405	0.1325	13.20	0.0081
N-BUTANE	0.500	0.1576	16.35	0.0100
I-PENTANE	0.141	0.0516	5.65	0.0035
N-PENTANE	0.098	0.0355	3.94	0.0024
HEXANE	0.130	0.0535	6.20	0.0039
HEPTANE	0.055	0.0254	3.03	0.0019
OCTANE	0.017	0.0087	1.06	0.0007
NONANE PLUS	0.001	0.0006	0.07	0.0000
TOTAL	100.000	2.5140	1,113.16	0.6352

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0030	GPM, BTU, and SPG calculations as shown
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,116.2	above are based on current GPA factors.
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,097.6	
REAL SPECIFIC GRAVITY	0.6365	Method governed by GPA Standard 2286-95

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,110.1
DRY BTU @ 14.696	1,113.6
DRY BTU @ 14.730	1,116.2
DRY BTU @ 15.025	1,138.5

CYLINDER #	110
CYLINDER PRESSURE	104 PSIG
DATE RUN	08/20/2008
ANALYSIS RUN BY	DAWN BLASSINGAME



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ANALYSIS NO. CP280581
CUST. NO. 18300 - 16345

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	BRADENHEAD
WELL NAME	SAN JUAN 29-6 #48	PRESSURE	140 PSIG
COUNTY/STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	A35-29N-06W	WELL FLOWING	Y
FIELD		DATE SAMPLED	08/18/2008
FORMATION		SAMPLED BY	BOB DURBIN
CUST.STN.NO.		FOREMAN/ENGR.	

A650112SM

REMARKS NITROGEN % INCLUDES THE FOLLOWING: HELIUM = NONE DETECTED;
HYDROGEN = NONE DETECTED

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.243	0.0000	0.00	0.0024
CO2	1.568	0.0000	0.00	0.0238
METHANE	86.581	0.0000	876.46	0.4796
ETHANE	7.276	1.9448	129.06	0.0755
PROPANE	2.612	0.7192	65.88	0.0398
I-BUTANE	0.319	0.1043	10.40	0.0064
N-BUTANE	0.571	0.1800	18.67	0.0115
I-PENTANE	0.178	0.0651	7.14	0.0044
N-PENTANE	0.157	0.0569	6.31	0.0039
HEXANE	0.328	0.1349	15.64	0.0098
HEPTANE	0.144	0.0664	7.94	0.0050
OCTANE	0.021	0.0107	1.32	0.0008
NONANE PLUS	0.002	0.0011	0.15	0.0001
TOTAL	100.000	3.2835	1,138.97	0.6630

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0030
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,142.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,123.3
REAL SPECIFIC GRAVITY	0.6647

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

Method governed by GPA Standard 2286-95

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,136.1
DRY BTU @ 14.696	1,139.6
DRY BTU @ 14.730	1,142.3
DRY BTU @ 15.025	1,165.1

CYLINDER #	107
CYLINDER PRESSURE	133 PSIG
DATE RUN	08/20/2008
ANALYSIS RUN BY	DAWN BLASSINGAME



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. CP280583

CUST. NO. 18300 - 16355

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	INTER. CASING
WELL NAME	SAN JUAN 29-6 #48	PRESSURE	141 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	A35-29N-06W	WELL FLOWING	Y
FIELD		DATE SAMPLED	08/18/2008
FORMATION		SAMPLED BY	BOB DURBIN
CUST.STN.NO.		FOREMAN/ENGR.	

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REMARKS NITROGEN % INCLUDES THE FOLLOWING: HELIUM = .0096% (96 PPM), HYDROGEN = .0063% (63 PPM)

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.189	0.0000	0.00	0.0018
CO2	1.567	0.0000	0.00	0.0238
METHANE	86.842	0.0000	879.10	0.4811
ETHANE	7.174	1.9175	127.25	0.0745
PROPANE	2.555	0.7035	64.44	0.0389
I-BUTANE	0.329	0.1076	10.72	0.0066
N-BUTANE	0.569	0.1794	18.61	0.0114
I-PENTANE	0.170	0.0622	6.82	0.0042
N-PENTANE	0.145	0.0525	5.83	0.0036
HEXANE	0.305	0.1254	14.54	0.0091
HEPTANE	0.138	0.0637	7.61	0.0048
OCTANE	0.017	0.0087	1.06	0.0007
NONANE PLUS	0.000	0.0000	0.00	0.0000
TOTAL	100.000	3.2206	1,135.98	0.6605

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0030	GPM, BTU, and SPG calculations as shown
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,139.3	above are based on current GPA factors.
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,120.3	
REAL SPECIFIC GRAVITY	0.6621	Method governed by GPA Standard 2286-95

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,133.1
DRY BTU @ 14.696	1,136.6
DRY BTU @ 14.730	1,139.3
DRY BTU @ 15.025	1,162.1

CYLINDER #	104
CYLINDER PRESSURE	138 PSIG
DATE RUN	08/20/2008
ANALYSIS RUN BY	DAWN BLASSINGAME



2030 AFTON PLACE
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ANALYSIS NO. CP280582
CUST. NO. 18300 - 16350

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	CASING
WELL NAME	SAN JUAN 29-6 #48	PRESSURE	140 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	A35-29N-06W	WELL FLOWING	Y
FIELD		DATE SAMPLED	08/18/2008
FORMATION		SAMPLED BY	BOB DURBIN
CUST.STN.NO.		FOREMAN/ENGR.	

A650112SM

REMARKS NITROGEN % INCLUDES THE FOLLOWING: HELIUM = .0092% (92 PPM), HYDROGEN = .0061% (61 PPM)

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.181	0.0000	0.00	0.0018
CO2	1.574	0.0000	0.00	0.0239
METHANE	86.614	0.0000	876.79	0.4798
ETHANE	7.111	1.9007	126.13	0.0738
PROPANE	2.850	0.7847	71.88	0.0434
I-BUTANE	0.329	0.1076	10.72	0.0066
N-BUTANE	0.581	0.1832	19.00	0.0117
I-PENTANE	0.170	0.0622	6.82	0.0042
N-PENTANE	0.145	0.0525	5.83	0.0036
HEXANE	0.302	0.1242	14.40	0.0090
HEPTANE	0.127	0.0586	7.00	0.0044
OCTANE	0.014	0.0072	0.88	0.0006
NONANE PLUS	0.002	0.0011	0.15	0.0001
TOTAL	100.000	3.2820	1,139.60	0.6629

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0030	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,142.9	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,123.9	
REAL SPECIFIC GRAVITY	0.6646	Method governed by GPA Standard 2286-95

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,136.7
DRY BTU @ 14.696	1,140.3
DRY BTU @ 14.730	1,142.9
DRY BTU @ 15.025	1,165.8

CYLINDER #	
CYLINDER PRESSURE	140 PSIG
DATE RUN	08/20/2008
ANALYSIS RUN BY	DAWN BLASSINGAME